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☐ 1: AAC39514. auxin transport p...  
[gi:3377509]

BLink, Nucleotide, Related Sequences, PubMed, Taxonomy,  
LinkOut

LOCUS AAC39514 595 aa PLN 03-AUG-1998  
 DEFINITION auxin transport protein REH1 [Oryza sativa].  
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 VERSION AAC39514.1 GI:3377509  
 DBSOURCE locus AF056027 accession AF056027.1  
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 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;  
 Ehrhartoideae; Oryzeae; Oryza.  
 REFERENCE 1 (residues 1 to 595)  
 AUTHORS Luschnig,C., Gaxiola,R.A., Grisafi,P. and Fink,G.R.  
 TITLE EIR1, a root-specific protein involved in auxin transport, is  
 required for gravitropism in arabidopsis thaliana  
 JOURNAL Genes Dev. 12 (14), 2175-2187 (1998)  
 MEDLINE 98344010  
 REFERENCE 2 (residues 1 to 595)  
 AUTHORS Luschnig,C., Grisafi,P. and Fink,G.R.  
 TITLE Direct Submission  
 JOURNAL Submitted (30-MAR-1998) Whitehead Institute for Biomedical  
 Research, Nine Cambridge Center, Cambridge, MA 02142, USA  
 COMMENT Method: conceptual translation supplied by author.  
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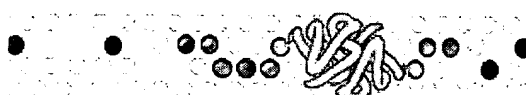
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☐ 1: AAC39513. auxin transport p...  
[gi:3377507]

[Blink](#), [Nucleotide](#), [Related Sequences](#), [PubMed](#), [Taxonomy](#),  
[LinkOut](#)

LOCUS AAC39513 647 aa PLN 03-AUG-1998  
 DEFINITION auxin transport protein EIR1 [Arabidopsis thaliana].  
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 Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
 REFERENCE 1 (residues 1 to 647)  
 AUTHORS Luschnig,C., Gaxiola,R.A., Grisafi,P. and Fink,G.R.  
 TITLE EIR1, a root-specific protein involved in auxin transport, is  
 required for gravitropism in arabidopsis thaliana  
 JOURNAL [Genes Dev.](#) 12 (14), 2175-2187 (1998)  
 MEDLINE 98344010  
 REFERENCE 2 (residues 1 to 647)  
 AUTHORS Luschnig,C., Grisafi,P. and Fink,G.R.  
 TITLE Direct Submission  
 JOURNAL Submitted (30-MAR-1998) Whitehead Institute for Biomedical  
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 COMMENT Method: conceptual translation supplied by author.  
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☐ 1: AAD04376. putative auxin ef...  
[gi:4151319]

BLink, Nucleotide, Related Sequences, PubMed, Taxonomy,  
LinkOut

LOCUS AAD04376 622 aa PLN 13-JAN-1999  
DEFINITION putative auxin efflux carrier protein; AtPIN1 [Arabidopsis thaliana].  
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VERSION AAD04376.1 GI:4151319  
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ORGANISM Arabidopsis thaliana  
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REFERENCE 1 (residues 1 to 622)  
AUTHORS Galweiler,L., Guan,C., Mueller,A., Wisman,E., Mendgen,K., Yephremov,A. and Palme,K.  
TITLE Regulation of polar auxin transport by AtPIN1 in Arabidopsis vascular tissue  
JOURNAL Science 282 (5397), 2226-2230 (1998)  
MEDLINE 99074368  
REFERENCE 2 (residues 1 to 622)  
AUTHORS Gaelweiler,L., Changhui,G., Mueller,A., Wisman,E. and Palme,K.  
TITLE Direct Submission  
JOURNAL Submitted (26-AUG-1998) MDL in der Max-Planck-Gesellschaft, Carl-von-Linne-Weg 10, Cologne 50829, Germany  
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601 avifgmlial pitllyyill gl
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ID O81215 PRELIMINARY; PRT; 595 AA.  
AC O81215;  
DT 01-NOV-1998 (TrEMBLrel. 08, Created)  
DT 01-NOV-1998 (TrEMBLrel. 08, Last sequence update)  
DT 01-NOV-1998 (TrEMBLrel. 08, Last annotation update)  
DE AUXIN TRANSPORT PROTEIN REH1.  
GN REH1.  
OS Oryza sativa (Rice).  
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;  
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Oryza.  
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RP SEQUENCE FROM N.A.  
RX MEDLINE=98344010; PUBMED=9679062;  
RA Luschnig C., Gaxiola R.A., Grisafi P., Fink G.R.;  
RT "EIR1, a root-specific protein involved in auxin transport, is  
RT required for gravitropism in Arabidopsis thaliana.";  
RL Genes Dev. 12:2175-2187(1998).  
DR EMBL; AF056027; AAC39514.1; -.  
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☐ 1: AAC67319. putative auxin tr...  
[gi:3785972]

BLink, Nucleotide, Related Sequences, PubMed, Taxonomy,  
LinkOut

LOCUS AAC67319 616 aa PLN 05-APR-2000  
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 Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
 REFERENCE 1 (residues 1 to 616)  
 AUTHORS Lin,X., Kaul,S., Rounsley,S.D., Shea,T.P., Benito,M.-I., Town,C.D.,  
 Fujii,C.Y., Mason,T.M., Bowman,C.L., Barnstead,M.E.,  
 Feldblyum,T.V., Buell,C.R., Ketchum,K.A., Lee,J.J., Ronning,C.M.,  
 Koo,H., Moffat,K.S., Cronin,L.A., Shen,M., VanAken,S.E., Umayam,L.,  
 Tallon,L.J., Gill,J.E., Adams,M.D., Carrera,A.J., Creasy,T.H.,  
 Goodman,H.M., Somerville,C.R., Copenhaver,G.P., Preuss,D.,  
 Nierman,W.C., White,O., Eisen,J.A., Salzberg,S.L., Fraser,C.M. and  
 Venter,J.C.  
 TITLE Sequence and analysis of chromosome 2 of the plant *Arabidopsis*  
*thaliana*  
 JOURNAL Nature 402 (6763), 761-768 (1999)  
 MEDLINE 20083487  
 PUBMED 10617197  
 REFERENCE 2 (residues 1 to 616)  
 AUTHORS Lin,X.  
 TITLE Direct Submission  
 JOURNAL Submitted (09-MAR-2000) The Institute for Genomic Research, 9712  
 Medical Center Dr., Rockville, MD 20850, USA  
 COMMENT Method: conceptual translation.  
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☐ 1: T02876. probable auxin tr...[gi:7489524]

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LOCUS T02876 595 aa PLN 21-JUL-2000  
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 21-Jul-2000.

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 Ehrhartoideae; Oryzeae; Oryza.

REFERENCE 1 (residues 1 to 595)  
 AUTHORS Luschnig,C., Gaxiola,R.A., Grisafi,P. and Fink,G.R.  
 TITLE EIR1, a root-specific protein involved in auxin transport, is  
 required for gravitropism in Arabidopsis thaliana  
 JOURNAL Genes Dev. 12 (14), 2175-2187 (1998)  
 MEDLINE 98344010

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1: AAD55507. auxin transport p...[gi:5902405]

BLink, Domains, Links

LOCUS AAD55507 640 aa linear PLN 16-SEP-1999  
 DEFINITION auxin transport protein [Arabidopsis thaliana].  
 ACCESSION AAD55507  
 VERSION AAD55507.1 GI:5902405  
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 ORGANISM Arabidopsis thaliana  
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 Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
 REFERENCE 1 (residues 1 to 640)  
 AUTHORS Federspiel,N.A., Palm,C.J., Conway,A.B., Conn,L., Hansen,N.F.,  
 Altafi,H., Araujo,R., Huizar,L., Rowley,D., Buehler,E., Dunn,P.,  
 Gonzalez,A., Kremenetskaia,I., Kim,C., Lenz,C., Li,J., Liu,S.,  
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 Walker,M., Yu,G., Ecker,J., Theologis,A. and Davis,R.W.  
 JOURNAL Unpublished  
 REFERENCE 2 (residues 1 to 640)  
 AUTHORS Federspiel,N.A., Palm,C.J., Conway,A.B., Conn,L., Hansen,N.F.,  
 Altafi,H., Araujo,R., Huizar,L., Rowley,D., Buehler,E., Dunn,P.,  
 Gonzalez,A., Kremenetskaia,I., Kim,C., Lenz,C., Li,J., Liu,S.,  
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 Walker,M., Yu,G., Ecker,J., Theologis,A. and Davis,R.W.  
 TITLE Direct Submission  
 JOURNAL Submitted (27-JUL-1999) DNA Sequencing and Technology Center,  
 Stanford University, 855 California Avenue, Palo Alto, CA 94304,  
 USA  
 REFERENCE 3 (residues 1 to 640)  
 AUTHORS Federspiel,N.A., Palm,C.J., Conway,A.B., Conn,L., Hansen,N.F.,  
 Altafi,H., Araujo,R., Huizar,L., Rowley,D., Buehler,E., Dunn,P.,  
 Gonzalez,A., Kremenetskaia,I., Kim,C., Lenz,C., Li,J., Liu,S.,  
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 Walker,M., Yu,G., Ecker,J., Theologis,A. and Davis,R.W.  
 TITLE Direct Submission  
 JOURNAL Submitted (03-AUG-1999) DNA Sequencing and Technology Center,  
 Stanford University, 855 California Avenue, Palo Alto, CA 94304,  
 USA  
 REFERENCE 4 (residues 1 to 640)  
 AUTHORS Federspiel,N.A., Palm,C.J., Conway,A.B., Conn,L., Hansen,N.F.,  
 Altafi,H., Araujo,R., Huizar,L., Rowley,D., Brooks,S., Buehler,E.,  
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 Lenz,C., Li,J., Liu,S., Luros,S., Schwartz,J., Shinn,P.,  
 Toriumi,M., Vyotskaia,V., Yu,G., Ecker,J., Theologis,A. and  
 Davis,R.W.  
 TITLE Direct Submission

JOURNAL - Submitted (16-SEP-1999) DNA Sequencing and Technology Center,  
Stanford University, 855 California Avenue, Palo Alto, CA 94304,  
USA

COMMENT Method: conceptual translation supplied by author.

FEATURES Location/Qualifiers

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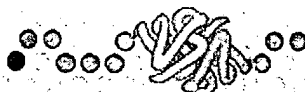
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//

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Mar 17 2003 10:55:57



PubMed

Nucleotide

Protein

Genome

Structure

PopSet

Taxonomy

OMIM

B

Search  for 

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Clear

Limits

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History

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Details

    ☐ 1: AAD52695. auxin transport p...[gi:5817301] [BLink](#), [Nucleotide](#), [Related Sequences](#), [Taxonomy](#), [LinkOut](#)

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Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
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AUTHORS Friml,J., Wisniewska,J. and Palme,K.  
TITLE PIN gene family in Arabidopsis thaliana  
JOURNAL Unpublished  
REFERENCE 2 (residues 1 to 640)  
AUTHORS Friml,J., Wisniewska,J. and Palme,K.  
TITLE Direct Submission  
JOURNAL Submitted (28-AUG-1998) MDL, MPIZ, Carl von Linne Weg 10, Koeln  
50829, Germany  
COMMENT Method: conceptual translation.  
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## ORIGIN

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